



# LEPC HAZARDOUS MATERIAL PLAN REQUIREMENTS/REVIEW

2019 EMAI/IERC Presentation

# IERC REQUIREMENTS



- LEPC plan writing checklist
  - Used by the IERC Policy-Technical Committee to evaluate plans.
  - Based on NRT-1 and NRT-1a, as well as federal and state statutes.
- Located online at:
  - [www.in.gov/dhs/files/9-planning\\_elements\\_for\\_LEPC\\_plan\\_writing.pdf](http://www.in.gov/dhs/files/9-planning_elements_for_LEPC_plan_writing.pdf)

# IERC REQUIREMENTS



- SARA Title III plans should observe the provisions of OSHA's 1910.120.
- Remember uploading the LEPC plan allows for 10 MB per element in Tier II Manager, with a total of 90 MB in all.
  - Plans can be divided into nine elements, with 10 MB per section available (or as many sections that is preferred) to fit it into the 90 MB.

# LEPC PLAN ELEMENTS

# IDENTIFICATION OF FACILITIES/ROUTES

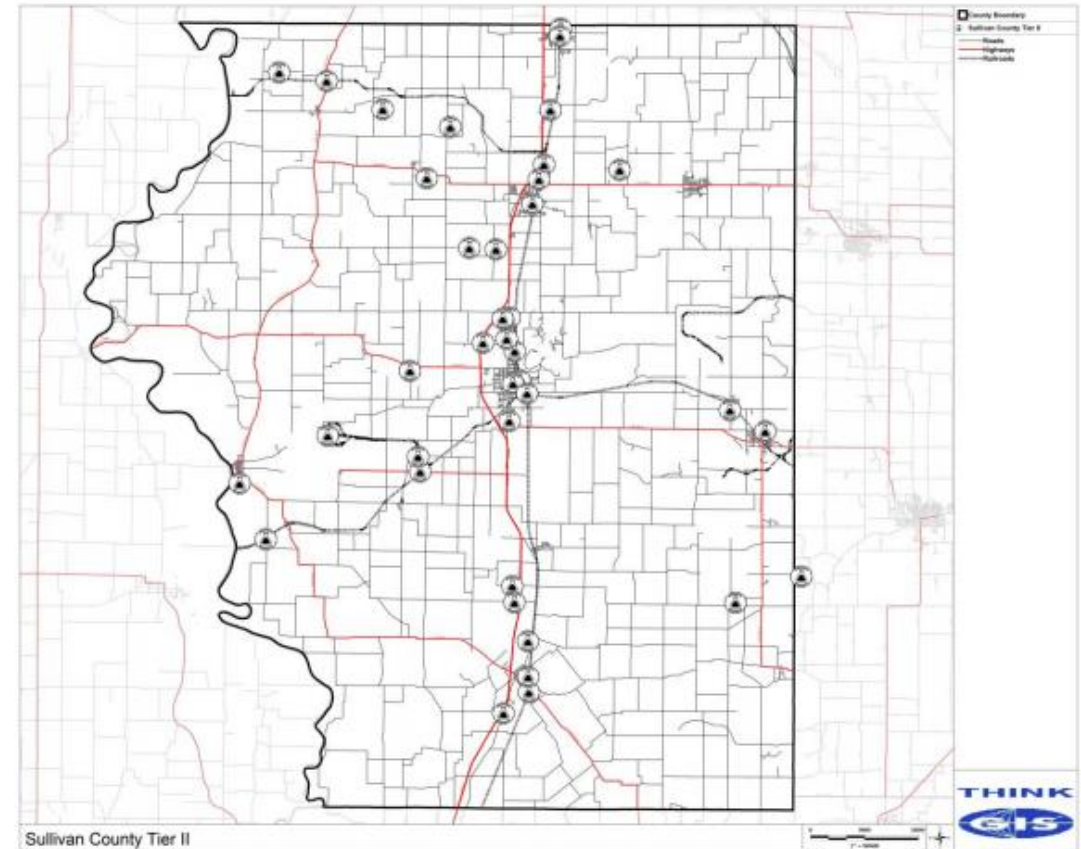


Element	Description/Expectation		
1		<p><b>State Law"</b> Identification of the following: (A) Facilities subject to this chapter that are within the emergency planning district. (B) Routes likely to be used for the transportation of substances on the list of extremely hazardous substances. (C) Additional facilities contributing to or subjected to additional risk due to the proximity of the facilities to facilities subject to this chapter, including hospitals or natural gas facilities." (IC 13-25-2-5(c)(1)(A-C))</p>	
	X/✓	<u>Review Includes the Following Items</u>	Date Reviewed
*		1a List the facilities subject to SARA Title III. Include facility addresses. Designate if facility has Extremely Hazardous Substances (EHS) or Hazardous Substances (HS) for each facility. List the EHS chemicals at each facility.	
*		1b <i>Include a map showing locations of SARA Title III Facilities. Designate differences between EHS and other facilities.</i>	
		1c Describe or list the common transportation routes for EHS materials in the county (include rail, roadway, waterway, pipeline).	
		1d <i>Include a map showing transportation routes for EHS materials.</i>	
*		1e List the facilities contributing to or at greater risk due to proximity to SARA Title III facilities (such as: schools, hospitals, nursing homes, areas of large group gathering- i.e.. arenas, concert halls, shopping malls, churches, convention centers, etc.)	
*		1f <i>Include a map showing locations of facilities contributing to or at greater risk due to SARA Title III facilities. (Schools, hospitals, nursing homes, areas of large group gathering-i.e., arenas, concert halls, shopping malls, churches, convention centers, etc.)</i>	
		1g Include a vulnerability zone map for each facility. Use either CAMEO program or the North American Emergency Response Guidebook evacuation distance for the EHS or CERCLA hazardous chemical with the greatest vulnerability zone at the facility.	

# IDENTIFICATION OF FACILITIES/ROUTES



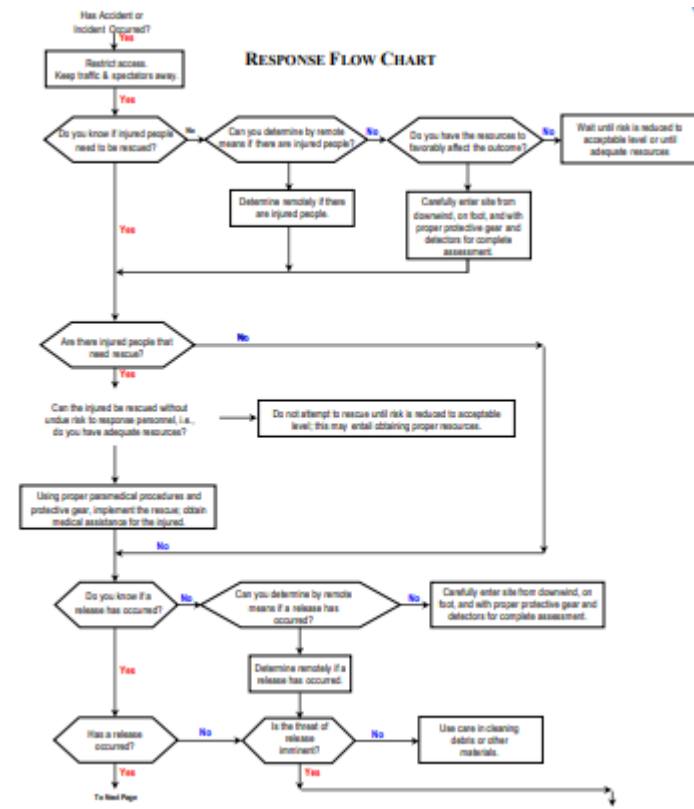
Address	2100 South Henderson, Bloomington, IN 47401
Phone	812-349-3740
Cross Street	East South Drive
Emergency Coordinator	<b>John Turnbull:</b> 812-349-3712 (office), 812-320-9268 (cell), <a href="mailto:turnbulj@bloomington.in.gov">turnbulj@bloomington.in.gov</a>
Back-up FEC	Hsuing Marler: 812-349-3742 (office), 217-898-6814 (cell), <a href="mailto:marlerh@bloomington.in.gov">marlerh@bloomington.in.gov</a> 24-Hour City of Bloomington Utilities Service/Operation Center: 812-339-1444
Alternate FEC	Dee Tuttle: 812-349-3672 (office), 812-327-6040 (cell), <a href="mailto:tuttled@bloomington.in.gov">tuttled@bloomington.in.gov</a> James Hall, 812-349-3657 (work), 812-325-0406 (cell)
Extremely Hazardous Substances	<u>EHS Chemical</u> <b>Anhydrous Ammonia</b>
Emergency Plan Summary	If a leak is detected at 90 ppm, an audible alarm will sound, a strobe light will begin flashing and an exhaust fan will automatically turn on. The alarm can be heard throughout the arena and building, including the Locker Rooms. It is also easily heard outside the building. The strobe light is located on the wall by the leak detection system and is highly visible to skaters. The exhaust fan is vented to the atmosphere through a 90-degree roof top vent. Employees will evacuate the building, call 911 and contact the Emergency Coordinator. The EC will then contact the proper authorities and follow the protocols listed in their emergency response procedures.
Emergency Personnel On-Site	Audible and visual leak detection alarms. Outside contractor has tagged valves necessary for emergency shutdown. Staff are trained in evacuation procedures and general safety measures but will rely on the Northern Monroe Fire Territory and their refrigeration company to stop and repair any leaks or malfunctions of the refrigeration system.
Worst Case Scenario (Zone of Vulnerability)	Ammonia 0.6 miles



# EMERGENCY RESPONSE PROCEDURES



Element	Description/Expectation		
<b>2</b>		<b>State Law</b> "Methods and procedures to be followed by facility owners and operators and local emergency and medical personnel to respond to any release of substances." (IC 13-25-2-5(c)(2))	
	X/✓	<u><b>Review Includes the Following Items</b></u>	<b>Date Reviewed</b>
	2a	Summarize the facility emergency response procedures or reference the location of the Facility Emergency Procedures. Describe the facility's expectations of responding external emergency response personnel. (This may be presented in table format).	
	2b	<i>Include a flow diagram or a description of the notification process to the Community Emergency Coordinator (CEC).</i>	
	2c	Include or reference the location of general SOPs/SOGs to address determination and establishment of safety zones, decontamination procedures, listing of guidance documents, personal protective actions, roles of responders, etc. (Every job being done must have an SOP/SOG)	
	2d	<i>Include or reference the location of SOPs /SOGs for EMS, medical and hospital personnel to address decontamination procedures, guidance documents, personal protective actions, roles, etc. (Every job being done must have an SOP/SOG.)</i>	



# KNOW YOUR CECS AND FECS



Element		Description/Expectation		
3		<u>State Law</u> "Designation of a community emergency coordinator and facility emergency coordinators who shall make determinations necessary to implement the local emergency plan." (IC 13-25-2-5(c)(3))		
	X/✓	<u>Review Includes the Following Items</u>		Date Reviewed
*		3a	List the CEC and how to contact this person. (This may be a specific person or a position within an agency, such as a 24-hour emergency dispatcher).	
*		3b	List the Facility Emergency Coordinator (FEC) for each EHS facility and how to contact this person. Also list back-up contact person.	



# KNOW YOUR CECS AND FECS



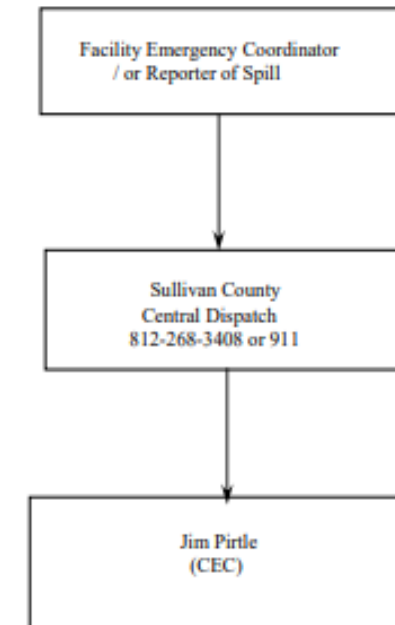
## Facility and Emergency Coordinators

For a complete listing of Sullivan County Facilities and Emergency Coordinators and Plan Summaries, please refer to **Element 1**.

The Facilities that reported for 2017      **EHS Facilities in RED**  
**Facility Emergency Coordinator in BLUE**

<b>AGENCY NAME</b>	<b>FACILITY ADDRESS</b>	<b>FACILITY EMERGENCY COORDINATOR CONTACT INFO</b>	<b>CHEMICALS LISTED</b>
AT&T-INF440	1252 E. Co. Rd. 500N Sullivan, IN 47882	AT&T Communications of Indiana Phone: 800-566-9347 <b>James Officer</b> 24 HR: 317-997-7704 <b>Phone: 765-342-1315</b> Jeremy McGrue Phone: 214-464-1712 24 HR: 800-566-9347	Lead <b>Sulfuric Acid</b> Diesel Fuel #2 Low Sulfur

Flow Diagram of the Notification Process to the Community Emergency Coordinator (CEC)



# NOTIFICATION OF A RELEASE



Element	Description/Expectation		
4		<b>State Law</b> "Procedures providing reliable, effective, and timely notification by the facility emergency coordinators and the community emergency coordinator to: (A) persons designated in the local emergency plan; and (B) to the public; that a release has occurred consistent with the emergency notification requirements of section 7 of this chapter)." (IC 13-25-2-5(c)(4)(A-B))	
	X/✓	<b><u>Review Includes the Following Items</u></b>	<b>Date Reviewed</b>
	4a	Describe how a facility notifies emergency response agencies, the CEC, and the appropriate state agencies.	
	4b	<i>Describe how release notification takes place and to whom that notification must be provided. This may be presented as a flow diagram. <u>Note</u>: Indiana state law requires immediate notification.</i>	
	4c	Describe or present in a diagram to whom the CEC notifies and how that notification takes place.	
	4d	<i>Describe public notification procedures. (How will the public be notified of an emergency? Use any existing emergency notification procedure as an example. Include door-to-door, PA announcements, etc.)</i>	
	4e	Include boilerplate/template for public address announcements regarding the release.	
*	4f	<i>List media contact persons and how to reach them (the title of the contact person may be listed instead of the name).</i>	

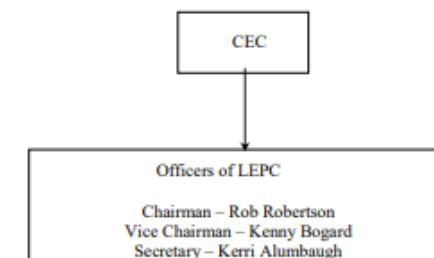
## PUBLIC NOTIFICATION PROCEDURES

The LEPC and Response Agencies will utilize all or some of the following options to notify the public of release, evacuations and/or shelter-in-place.

- Door-to-Door
- Outdoor Warning Sirens
- Radio Broadcast – see media list
- Emergency Alert System – procedure follows
- Newspaper Hotline – see media list
- Local and Regional Television – see media list

## EMERGENCY ANNOUNCEMENT FOR AN ACCIDENTAL RELEASE OR SPILL OF HAZARDOUS MATERIALS

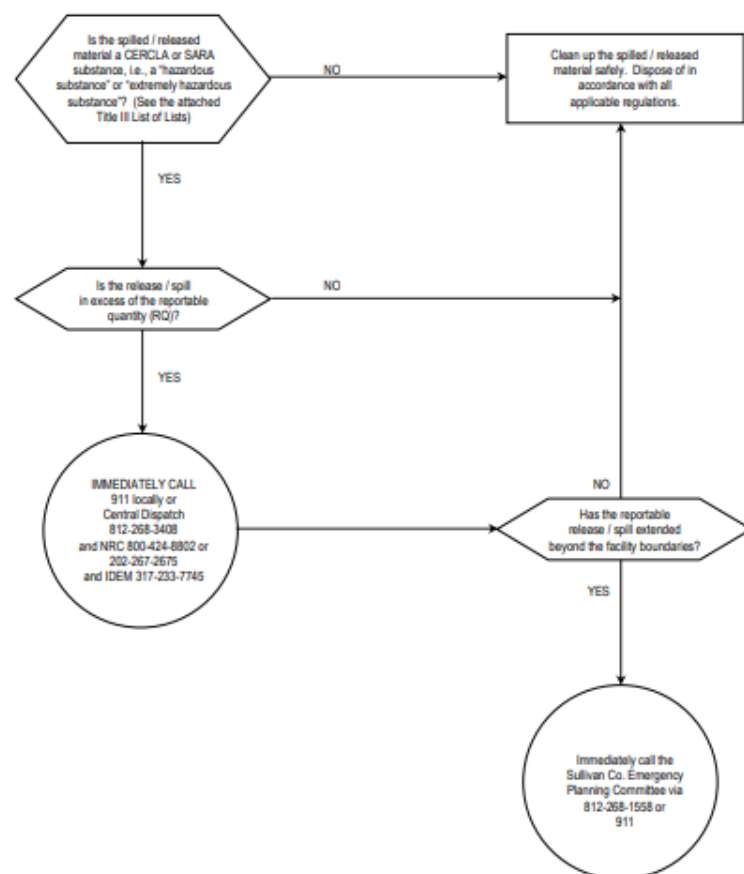
## COMMUNITY EMERGENCY COORDINATOR (CEC) NOTIFICATION RESPONSIBILITIES



# NOTIFICATION OF A RELEASE



## REPORTING RELEASES FROM FACILITIES



## EMERGENCY ANNOUNCEMENT FOR AN ACCIDENTAL RELEASE OR SPILL OF HAZARDOUS MATERIALS

Attention residents of (area involved). This is the \_\_\_\_\_ (authority) \_\_\_\_\_ presenting an emergency warning from Sullivan County Indiana. An accidental hazardous material incident has occurred in Sullivan County in the area of \_\_\_\_\_ at approximately \_\_\_\_\_ (local time). People in this area should be advised to \_\_\_\_\_ (type of action: shelter in place or evacuate.)

Please continue to listen; additional information will be furnished as it is available. Do **NOT** call the police or other emergency agencies unless you have an actual emergency need. Please keep your phone lines free.

### EVACUATION SCRIPT:

Tune to radio stations \_\_\_\_\_ for complete information. These stations will give you continuous information on the danger in this area.

### WHERE TO GO:

If you do not have a place to go, plans have been made for you to stay in a safe place. Public Shelters have been set up in the following places:

If you need transportation go to one of the following pick-up points:

### WHAT TO TAKE WITH YOU:

If there is time, take a **BRIEF** moment to gather a few important items you may need. Do not delay! Do this **quickly** and leave as soon as possible! Place a white piece of cloth on your front door to signal authorities you have left the area and the house is secure.

1. Prescription drugs, if you need them.
2. Clothing. Plan to be away at least 24 hours.
3. Personal items. Toiletries, books, magazines, etc.
4. Eyeglasses.
5. Bedding. Sleeping bag, pillows.

## Outdoor Warning Siren

Central Dispatch (City and County) 812-349-3306  
Indiana University Police Department (City, County and Campus) 812-855-4111

IUPD is responsible for the Emergency Alert System Cable-Override on the IU Cable Network. County, tornado sirens can be activated at the IUPD Communications Center on the Federal System. IUPD is also capable, and currently tests, a public-address system on the Whelen system

## Monroe County Alert

Monroe County Alert is a mass notification system for Monroe County. This program allows emergency messages to be sent to community members who have registered to receive emergency alerts. Messages can also be sent to the white and yellow pages as well as by geographical location. If the situation justifies the use of the Wireless Emergency Alert (WEA) system this can also be done through Monroe County Alert. WEA consists of sending an emergency alert message to all cell phones connected to the specified cell towers. Monroe County Alert is managed by Monroe County Emergency Management.

## EMERGENCY PUBLIC NOTIFICATION

The Original Company Radio Station Jonathan Lange	812-887-8388 24 HRs 812-885-2608 Day Hours		
107.7 Mix-FM 824 S. 3 <sup>rd</sup> St. Terre Haute, IN 47807	812-232-4161		
105.5 FM The River 925 Wabash Ave. Terre Haute, IN 47807 James Conner Vice President/General Manager	812-917-3901 Business Line		

# DETECTION SYSTEMS

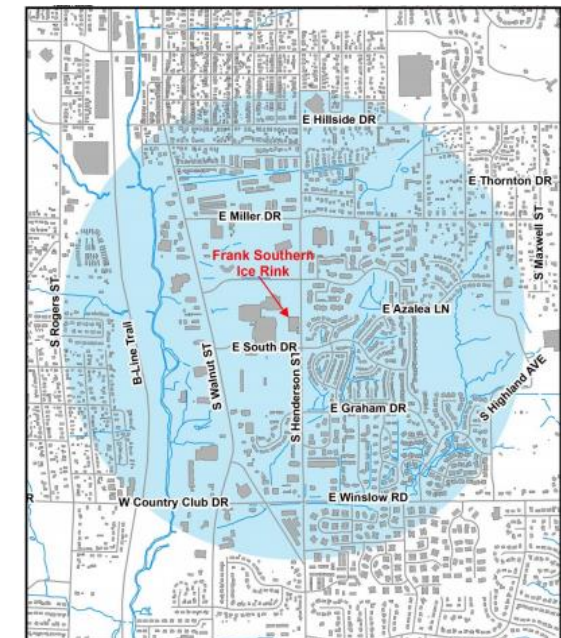


Element	Description/Expectation		
<b>5</b>		<b>State Law</b> "Methods for determining the occurrence of a release and the area or population likely to be affected by the release." (IC 13-25-2-5(c)(5))	
	<b>X/✓</b>	<b><u>Review Includes the Following Items</u></b>	<b>Date Reviewed</b>
	5a	Describe or identify all release detection mechanisms available at the facility or nearby (whistles, sirens, horns, mechanical, environmental, senses, etc.).	
	5b	List public areas that would be affected by releases from facilities in the community, including estimated populations (This information may be included in vulnerability zone maps located in 1g. Use the CAMEO program or GIS software).	

## Release Detection

### Monroe County Alert

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# AVAILABILITY OF RESOURCES



Supply: Haz-Mat Equipment	
Location: Northern Monroe Fire Territory	
Contact: Joel Bomgardner	Phone: 812-339-1115
Supply: Traffic Resources (cones, signs boards, etc.)	
Location: Bloomington Street Department Monroe County Highway Dept.	
Contact: Joe VanDeventer John Chambers	Phone: 812-349-3448 or 812-327-3330 812-825-5352 or 812-325-8134

Element		Description/Expectation	
6		<b>State Law</b> "A description of emergency equipment and facilities in the community and at each facility in the community subject to the requirements of this chapter and an identification of the persons responsible for the equipment and facilities." (IC 13-25-2-5(c)(6))	
	X/✓	<b><i>Review Includes the Following Items</i></b>	<b>Date Reviewed</b>
	6a	List all resource organizations and contact persons (Should include fire departments, EMS, hospitals, facilities, contractors, etc. Table format acceptable).	
	6b	List the resources available from each resource organization (Table format acceptable).	
	6c	List equipment/resources that the Tier II facilities have on hand. Include response capability and maximum capacity available.	
	6d	Identify who has authority to commit resources from each organization.	
	6e	Identify the number of trained emergency response personnel available at each <b>Tier II reporting facility</b> , their training levels and capabilities.	

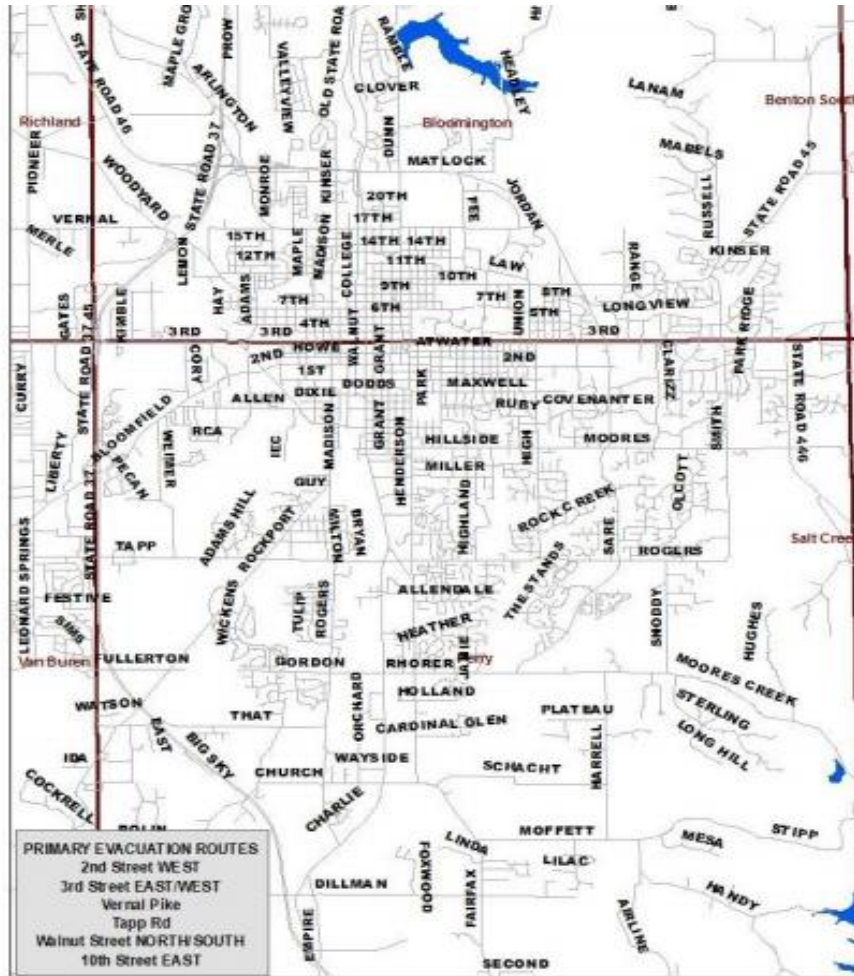
# EVACUATIONS



Element	Description/Expectation		
<b>7</b>		<b>State Law</b> "Evacuation plans, including provisions for a precautionary evacuation and alternative traffic routes." (IC 13-25-2-5(c)(7))	
	X/✓	<u><i>Review Includes the Following Items</i></u>	Date Reviewed
		7a Attach or reference the location of a general SOP/SOG to address how to conduct an evacuation. Include how to provide for evacuees and how to track evacuees (roles and expectations).	
		7b <i>Attach a general SOP/SOG to address traffic movement directing persons away from the release area.</i>	
		7c Describe what constitutes primary and secondary evacuation route in your planning district (i.e., how much traffic can be supported, any obstacles, etc.).	
		7d <i>Include a map of the primary and secondary evacuation routes.</i>	
		7e Include a map of the shelter locations and emergency response facility locations such as fire departments, EMS facilities, etc.	
		7f <i>Include shelter-in-place procedures and how the community will be notified of this protective action.</i>	



# EVACUATIONS



This map is produced as information ONLY  
It is NOT warranted for any other intention

## Evacuation Shelters

The American Red Cross has identified community emergency shelters and shelter managers for each facility. In addition to hazardous materials' incidents, the Red Cross may utilize these shelters for any community disaster. In the case of an evacuation due to a hazardous materials incident, the incident commander should work with the Red Cross in determining the safest shelters to activate. The shelters and shelter contacts are as follows:

<b>Arlington Heights Elementary School</b>	800 W. Gourley Pike Bloomington, IN 47408
<b>Grandview Elementary School</b>	2300 S. Endwright Rd. Bloomington, IN 47403
<b>Bloomington North High School</b>	3901 N. Kinser Pike Bloomington, IN 47404
<b>Childs Elementary School</b>	2211 S. High St. Bloomington, IN 47401
<b>Fairview Elementary School</b>	627 W. 8 <sup>th</sup> St. Bloomington, IN 47404
<b>Batchelor Middle School</b>	900 W. Gordon Pike Bloomington, IN 47403
<b>Templeton Elementary School</b>	1400 S. Brenda Lane Bloomington, IN 47401

# TRAINING



NORTHERN MONROE FIRE TERRITORY 2018 TRAINING SCHEDULE						
	Month	Date	Shift	Time	Event	Facilitator/Instructor
1st Quarter	January	8	black	1900-1950	Association Business Meeting	
		22	gold	2000-2200	OSHA Updates / Mega Codes	S. Fleck & D. Calvin
	February	26	gold	1900-2100	Ice Rescue Practical's	D. Calvin & Shift
		5	red	1900-1950	Association Business Meeting	
		26	red	2000-2200	Assist a Medic / Audit & Review	S. Fleck
	March	5	red	1900-2200	Live Fire Evolutions	D. Calvin & Shift
		19	gold	1900-1950	Association Business Meeting	
		20-22	all	2000-2200	Trauma Assessment	R. Fipps
		26	red	1900-2200	SCBA's	B. Wellman & B. DeWitt
		26	gold	0800-1700	Hazmat Chemistry	Richard Duffek
2nd Quarter	April	26	gold	1900-2200	Explosive Magazines in Monroe County	Stan Capobianco
		2	black	1900-1950	Association Business Meeting	
		16	gold	2000-2200	Sensitivity Training	TBA
		22	black	1900-2200	Extrication	J. Bailey & D. Calvin
	May	23-28	black	1900-2200	Hazmat Detection	S. Fleck & D. Allen
		7	gold	1900-1950	FDIC in Indianapolis at the Indiana Convention Center and Lucas Oil Stadium	
		21	red	2000-2200	Association Business Meeting	R. Fipps
	June	4	black	1900-2200	Medical Assessment	FDIC Attendees
		18	gold	2000-2200	Lessons Learned from FDIC	
		25	black	1900-2200	Association Business Meeting	R. Fipps & C. Watkins
3rd Quarter	July	25	black	1900-2200	Simlab	Ken's Westside
		2	red	1900-1950	Vehicle Stabilizing with winches	D. Allen & R. Vandeventer
		16	black	2000-2200	Chlorine A / B / C Kits	
		23	red	1900-2200	Association Business Meeting	D. Calvin & B. Crandall
	August	6	black	2000-2200	Mega Codes / Audit & Review	M. Fisher & Shift
		20	gold	1900-2200	Water Rescue	S. Fleck & R. Vandeventer
		27	black	1900-2200	Plugging and Patching	
		8 Sa	black	0900-1700	Association Business Meeting	S. Fleck & D. Calvin
	September	9 Su	red	2000-2200	Vitals and Splinting	D. Calvin
		10	gold	1900-1950	IDHS Pocket Drills	D. Calvin
		17	black	2000-2200	Haz-Mat PPE	S. Fleck & D. Allen
		24	red	1900-2200	Hazmat Tech Refresher	D. Allen

Element	Description/Expectation		
8	State Law "Training programs, including schedules for training of local emergency response and medical personnel." (IC 13-25-2-5(c)(8))		
	X/✓	Review Includes the Following Items	Date Reviewed
	8a	List each response agency in the county. List their current Hazmat certification level(s) and number of personnel at each level.	
*	8b	Include a calendar of LEPC sponsored training activities for the upcoming year (i.e Hazmat Awareness, Hazmat Operations, Hazwoper, etc.).	
*	8c	Include a calendar of response organizations current year Hazmat training activities (include course description, course content, level of training this applies to-i.e. awareness, operations, technician, refresher, etc.).	



# EXERCISING THE PLAN



Element		Description/Expectation	
9		<u>State Law</u> "Methods and schedules for exercising the emergency plan." (IC 13-25-2-5(c)(9))	
	X/✓	<u>Review Includes the Following Items</u>	Date Reviewed
*		9a Include an exercise schedule of the LEPC plan.	
		9b <i>Describe the type of exercise to be conducted (i.e. tabletop, functional, or full scale). All exercises must be HSEEP compliant and proposals are due by March 1 annually.</i>	
		9c Describe/provide the exercise evaluation methods.	

# EXERCISING THE PLAN



- Discussion-based
  - Seminar – permitted starting 2019
  - Workshop – permitted starting 2019
  - Tabletop
- Operations-based
  - Functional
  - Full-scale
- Instructions for exercises:
  - List proposal dates in the plan
  - Describe/provide evaluation methods
  - Base exercises around EHS/HS chemicals
  - Work with facilities to exercise the plan

**QUESTIONS?**



**THANK YOU!**